

FLORIDA SKIP

VOL. 35 No. 8

THE ALL-FLORIDA AMATEUR RADIO PUBLICATION

AUGUST 1993 75 Cents

OARC BUZZES PUBLIC

-Reported by Buzz Showalter, W4UJL

Most field day squads head for the nearest park, field, or desolate location they can find but the OARC planted themselves in a location of maximum interference, steel laden walls, plenty of people milling around, and unusual antenna installation requirements. On the other hand, how many field day installations have nearby restaurants, nice restrooms, air-conditioning, background music and a paved parking lot? Well OARC opted for all of the above and held their field day in the Orlando Fashion Square Mall operating commercial 3-A (commercial power).

According to Buzz "Old Buzzard" Showalter, W4UJL, at the time of the writing of this article, they had no idea how they scored but they scored big with the public. Buzz said that they used all modes of operation with 3 low-band stations plus VHF, UHF, and Packet.

The objective of the OARC field day was not only to participate in the annual event but to show the generally uninformed public what ham radio is all about. What better place to maximize public contact than in a shopping mall. At the station, they had a continuous video presentation of amateur radio efforts during Hurricane Andrew, handouts, and plenty of hams ready to extoll the virtues of ham radio should anyone ask.

Starting at 6AM Saturday, the members of the Social Security Contributors Net (SSCN) arrived at the mall to set up the informational booth and assemble their field day station. By 8:30, the booth was ready to be informational. At 9:30, the VHF and UHF stations were operational with 4 antennas mounted on a push-up pole attached to a 1000 pound safe (Buzz didn't say what was in the safe).

By 1:30PM, the low-band antennas were installed on the roof of the mall and the top deck of parking garage and coax

Continued on page 24

ORANGE COUNTY RAPID READY

-by William May, WB4HXS
Asst. EC Orange Co.

The Orange County Radio Amateur Personnel for Immediate Deployment (RAPID) communication system is in place. We are currently 33 operators strong; all active members of Orange Co. ARES/RACES.



Andrew of 1992 and the hail storm of mid-March, 1993 showed us the need of a quick response communications team trained in emergency communications in the field.

Our purpose is to have the capacity to deploy a JUMP TEAM of 3-10 experienced operators to a destination that is under communications distress within 2 hours of call-up. We must have the ability to establish a communications base of VHF and/or HF capabilities and to maintain this service until local Public Service radios and telephones are back on line. Or we may be called upon to augment existing, but overloaded systems. Too, we may be needed to replace local operators who have been "used up", and desperately need relief. Whatever the reason, RAPID must be ready to respond...rapidly.

The RAPID COORDINATOR receives a call for a Jump Team. It is the responsibility of the COORDINATOR to obtain all the information needed to activate a JUMP TEAM. He selects a local JUMP SITE, a 2-meter frequency for local coordination (usually the ARES repeater, 146.730), a JUMP TEAM CAPTAIN and a LAISON base station, either HF or VHF, to maintain communications with the JUMP TEAM once it is in the field. When all team members arrive at the local JUMP SITE, the TEAM CAPTAIN will brief them, inspect the equipment and vehicles, assign the order of march and a simplex CONVOY frequency (probably 144.900), and ascertain the LAISON STATION has the team roster, liaison frequencies and schedule. When ready, the JUMP TEAM rolls out to its destination.

Meanwhile, the COORDINATOR may be readying a 2nd RAPID JUMP TEAM to relieve the 1st team, if required. A 3rd JUMP TEAM may also be needed. The 2nd and 3rd teams need not all be RAPID members, since there will be at least 24 hours for them to get ready.

All RAPID members are to have the capability of being 100% self-sufficient in the field for no less than 72 hours. All radio and personal equipment will be operable without

Continued on page 23

FLORIDA SKIP (USPS 000485) ISSN 08915482 is published monthly for \$8.00 per year by **FLORIDA SKIP, Inc.**, P.O. Box 501, Miami Springs, FL 33266.



Second Class Postage is paid at Miami, FL POSTMASTER: Send address changes to **FLORIDA SKIP, SUITE 224, 1280 Sarno Rd., Melbourne, FL 32935.**

STAFF

Andy Clark, W4IYT, Editor/Publisher
Gerry Wentz, KC4EHT, Managing Editor
Anne Clark Ramey, Copy Layout

STATE EDITORS

SSB Nets: Dr. W. R. (Doc) Staples, W4SME
5737 Lindsay Rd., Micco, FL 32976

Special Correspondent: Carl Zelich, AA4MI
250 Diana Blvd., Merritt Island, FL 32952

Packet: Kay Anderson, W8DUV
644 Flamingo Dr., Apollo Beach, FL 33572

CW Nets: Ed Roller, K4IA
Box 894, Punta Gorda, FL 33951

Data Editor (Nets, FCC, Hamfests, Packet, etc.):
Bill Britton, KB4VOL
8703 SE Jardin St., Hobe Sound, FL 33455

(Pse send him updates)
QCWA: Eli Nannis, K4JMH
14966 Imperial Pt. Dr., N. Largo, FL 34644

OOTC & Knights of the Kilocycle: Bob McDow, W4KOG
436 Gull Ct., N. Palm Beach, FL 33408-5114

Army MARS: Lorraine S Mathew, AAM3PR
P.O. Box 1439, Santa Rosa Beach, FL 32459-1439

AF MARS: David J. Sweeney, AFA2YB (KA4UGE)
18127 Moorhaven Dr., Springhill, FL 34610-7110

*Any item in **FLORIDA SKIP** may be reprinted in any other publication with an appropriate credit line please.*

*The publishers of this paper do not assume the responsibility of statements made by their advertisers in business competition. All signed articles published in this paper represent solely the individual opinions of the writer and not those of **FLORIDA SKIP**.*

DEADLINE: 10th of month at:
1280 Sarno Rd., Suite 224.
Melbourne, FL 32935

(See Advertising Rates in Hambar Section)

NOTICE SNOW BIRDS

PLEASE - When you FLY North or South, or any other place, please let us know at least 2 to 3 weeks in advance. When you move without advising us, the Post Office returns you SKIP and it costs us 35 cents for each issue. It used to be 15 cents, but they increased it over 100 percent. *Please help us do a better job for you... Thanks!! Editor*

MESSAGE FROM M.E.

Gerry (KC4EHT), Managing Editor

In the course of being an Editor of any publication, one receives numerous letters; some favorable but more ordinarily negative, but constructive, in that the letter writer takes issue with something that was written. That is healthy and encouraged. Debate and divergent points of view was what our country was founded upon and the right to one's opinion and the freedom of speech is what a democracy is all about.

A negative letter critical of how one dots the i's and crosses the t's is another matter altogether. Those of us that have been exposed to the publishing business for any length of time have various ways of referring to these letters and many of them are better not printed here. I got one of those this month. Usually they are easily recognizable (written on the back of a piece of coarse sandpaper) and the writing contains lots of exclamation points and periods that puncture the paper. But this letter irritated me in that the writer, in no uncertain terms, told me that the article on Hurricanes (Front page, July) had no business being in the **FLORIDA SKIP**. (That was one of about 8 complaints that he registered.)

Then I received the article from Manny W4SS, EC Southern Florida Section, that is published in this issue: **ARE YOU READY?** In his second paragraph he says, "Questions, questions, and more questions." How true that is and I would be the first person to agree with that phrase. Having been involved in coordinating the movement of amateur-radio operators into the stricken areas following Hurricane Andrew, I spent days on the telephone and on the radio. In the end, it wasn't just sitting back with the satisfaction of having done my level best, I spent as many more hours attending meetings to answer **QUESTIONS** about all the things that went wrong.

Hindsight is easy. Foresight is an art. One of the ways to hone your "foresighting" ability is to ask questions and investigate everything that could be a possible problem (and solution) in the event of a disaster. One must take a look at every contingency that will arise and devise a plan to deal with it should it indeed arise. The best laid plans of bureaucratic agencies will go to hell in a handbasket in a severe hurricane and much of the responsibility eventually falls on the amateur-radio service. To be well informed is being prepared!

If the operation of oxygen systems (used by the elderly

Continued on page 23

FLORIDA SKIP

1280 Sarno Rd., Suite 224
Melbourne, FL 32935



Enclosing \$8.00 for 1 year subscription to

FLORIDA SKIP ☐ New ☐ Renewal

Name _____ Call _____

Address _____ Apt _____

City _____ St. _____ Zip _____

icom

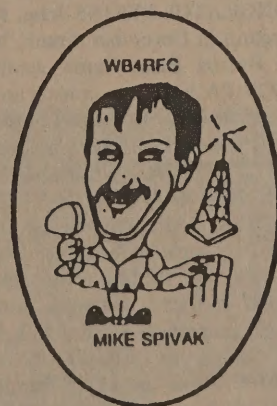
icom

icom

FREE FRESH BREWED COFFEE

MIKE'S ELECTRONICS

1001 NW 52 STREET
FT LAUDERDALE, FL 33309
305 491-7110
SEBASTIAN TO KEY WEST
1-800-427-3066



FLORIDA PHONE NETS

Doc Staples (W4SME), Editor

From DOC, W4SME NET MANAGER, FPTN.

Thirty days hath September, April, and WOW - where did June disappear to in such a hurry? It seems I just finished compiling May stats and NOW here, before me, are the results of a busy month with 1226 checkins (Avg 40.8), 311 pieces of traffic (Avg 100), all in 792 minutes. Everyone did a super job helping Dave keep the books and carry the load! A tip of the big Sombrero to all the stations that picked up traffic, acted as liaison and volunteered as NCS! NR2F got his feet wet with his first swim in the NCS arena performing just like an old PRO. Dennis, KB4MON filled in many of the open slots with his usual masterful performance. Bill, WB4WYG is still trying to manage the very severe back and leg pain, and we all pray that the injections that he received will soon bring him relief! Glen, WD4DAH has been undergoing treatment for the severe burns he unavoidably received and continues under therapy! We ALL hope that the treatment will bring a successful conclusion. During the month we had thirty two TRAVELERS who checked in a total of 133 times! Leading the list was Cef, AA4CH followed by Pat WB4EXA. I hope, that sometime in the not too distant future conditions will permit both stations an opportunity to rejoin the regular Roster! This month we also welcomed to our daily roster KM4DY, Tom of Orlando and we know that he will be a big help in moving some of our central Florida traffic! Laura, WA9VND continues to AMAZE us ALL with her special Birthday and Anniversary greetings for the Net members and for her thoughtfulness in remembering so many LITTLE but IMPORTANT items that are so very meaningful to each recipient! THANK YOU LAURA! I have just received the confirmation for our RESERVATIONS FOR THE MELBOURNE HAMFEST! PLEASE MAKE A NOTE ON YOUR CALENDAR NOW! Mark SEPTEMBER 11, 1993 at 11:30am at the HILTON RIALTO PLACE--The San Marcos Room-- THE FPTN LUNCHEON-MEETING! We have been offered a SPECIAL rate of \$6.95 per person plus Gratuity and Tax and it will be BUFFET style! The usual Net meeting will follow the luncheon. More news about the Hamfest will appear in this column in the next edition. According to my Roster scoring, Willard, AA4CU became station #1000 for the month of June and receives the coveted GOLDEN COOKIE AWARD for the month! CONGRATULATIONS John, K4NKA has departed for the summer to return in December, Frank, NT4K is currently traveling, and Joe, the Boston Bean Baron continues to have rig problems! Gary, WB2WPA has been conspicuous by his absence and we hope for his return soon. Roy and Louise are back from their sojourn to North Carolina and we all feel the heat now that summer is in full swing! DON'T FORGET--GROUND YOUR ANTENNA "WHENEVER" YOU ARE NOT USING YOUR RIG!! Spend a few minutes and RECHECK ALL of your GROUND connections and, furthermore, spend a couple of bucks and put a SURGE SUPPRESSOR in your primary line feeding your power supply! Better yet invest in a couple of tractor batteries, put 'em in parallel, bridge'em with a trickle charger on a timer and run off 12VDC! Beat the RAP..don't get caught by LIGHTNING! When in doubt SWITCH TO SAFETY! Join the FPTN Family every morning at 0655 local time on 3940! It's 30 for now es 73/88's to all. W4SME

From Bob, KC4ZHF, Asst. Net Manager, SEFTN. Lets all give Ernie, KE4ATV a big OLE for being the 1000th station checking in for the month of June! That event occurred on the 25th with KD4QXF as Net Control. And for the month of June we bettered out May checkin record by 17 with 1205 members attending averaging 40 stations per session! That was SUPER! During the 30 sessions, we passed 301 pieces of traffic in 1717 minutes averaging about 10 messages per meeting. During the

month we welcomed 22 new stations who came by and participated in Net proceedings. Four of our members made the 100% Participation Honor Roll for the month and they are: KD4GR, KD4HGU, KD4HKS AND KB4WBY! Great work and keep it up! Don't forget to mark your calendar for July 31/Aug 1 for the Jacksonville Hamfest you'll find details elsewhere in Florida Skip! Those of you with Dade county contacts, we NEED Liaison stations from DADE! Otherwise, we have to rely on Broward County stations to relay the traffic in. For you Dade county operators who listen on 146.79 don't be bashful, come join us. For those that are not familiar with handling message traffic, SEFTN is a Training Net and we will be most happy to teach you what message handling is all about. SEFTN meets EVERY evening at 2200UTC on 146.79(-600), the Motorola Repeater. All FCC licensed stations are always welcome. 73/88's BOB

From Net Manager, FMTN. (No net report has been filed with this editor for the month of June. Sorry!

From EARL, K4FQU, Net Manager, SWFTN. Summer is in full swing, the heat is now upon us in full force, the vacationers are off and traveling, but the Net continues in GRAND style! This is great, as at this time of the year most Nets have fewer checkins and less traffic but with our talented NCS's and Liaisons, we are maintaining a good level of performance. Thanks to all of you Net members who got me drafted for another term as your Net Manager. I enjoy the job and particularly when I have such a super group of people on the Net! SWFTN differs from most nets in that we get to the traffic, get it passed and THEN make it interesting for those that participate by having comments, chatter and our Today for Today section! Our Birthday and Anniversary greetings along with our health and welfare reports keep our members abreast of news about other Net members! Thats really IMPORTANT. To each of you who have supported me through the past year, I extend my most sincere thanks and to all of you Net members I promise to continue to do the best that I can for each of you and SWFTN during the oncoming year! Just so you'll know how we performed in June, here are the stats: We had 486 checkins in 26 sessions or almost 19 per session and during those sessions, we passed 229 pieces of traffic with an average of almost nine messages per session. The net accomplished all this using up only 981 minutes or about 38 minutes per net session! CONGRATULATIONS! SWFTN meets Monday through Saturday at 1500UTC on 146.88. Everyone is always welcome!! 73 and 88's, EARL

TRAFFIC HOUNDS JUNE, 1993

-By Bill Jochimsen, K4ZK STM, S. FL

NET	QNI	AVG.	QTC	SESS	MGR	QTC/QNI
FMTN	557	18.6	727	24.2	30	WX4H 1.31
QFN	777	13.0	432	7.2	60	AA4HT 0.56
FPTN	1226	40.9	311	10.4	31	W4SME 0.25
SEFTN	1205	40.2	301	10.0	30	KD4GR 0.25
SWFTN	486	18.7	229	8.8	26	K4FQU 0.47
GN	168	5.6	213	7.1	30	W4DL 1.27
TPTN	333	11.1	159	5.3	30	WB4QKI 0.48
QFNS	205	6.8	110	3.7	30	WA4QXT 0.54
FMSN	225	7.5	92	3.1	30	KC4ECA 0.41
NFAN	744	20.7	91	2.5	36	NR2F 0.12
FAST	334	5.6	90	1.5	60	WD4KBW 0.27
SVTN	742	25.6	71	2.4	29	KD4OBN 0.10
NFPN	776	25.9	65	2.2	30	N4SGQ 0.08
SPARC	649	21.6	37	1.2	30	N4ZMQ 0.06
GCVTN	680	22.7	34	1.1	30	W4FVO 0.05
PBTN	917	35.3	24	0.9	26	N4ZDD 0.03
DEN	243	49	11	2.2	5	K4RBR 0.05
AIN	38	9.5	8	2.0	4	WA4PFK 0.21
SFAN	37	9.3	4	1.0	4	KD4GR 0.11
ENMC	30	10	0	0	3	WB9SHT 0.00

TOTAL 3009 TOTAL 0.33

FLORIDA CW NETS

Ed Roller (K4IA), Editor

John Bates, KC4ECA subs for Ed this month

QFN Reported by Rip, AA4HT: QFN stats for June reflect the typical summertime drop off in traffic. Checkins were down to a total of 777 and traffic totals were 432. Several changes took place this past month with the first being the appointment of Don Risavy AD4CN as the new Net Manager effective July first. My congratulations to Don. I know he will receive the same great cooperation from the net that I did.

Other changes include Phyl West, KA4FZL, moving to Thursday as NCS and Howie, N2WX, taking over as NCS on Friday. I also want to thank N4XS Dick, for filling in as NCS on Sunday early session and Chet AB4XK, filling in as \$m on Saturdays while K4IA is on vacation. Again, my best wishes to Don AD4CN, as he begins his year as Net Manager, and my thanks to all the net members for their help during the past year.

-73 Rip

GATOR Net Manager Dan, W4DL Writes: Spikes during a storm finished off Dick's, N2AOX Kenwood 830 and the living room TV. He is working on it. The net welcomes Arley, WB5NKC who has been bringing traffic from Oklahoma City. Chris, N4EKC is back home and on the net originating northbound traffic. Dan W4DL is happy with his new Kenwood linear and has junked two old Heath 220s.

Charley, WA4EYU lost audio on his 2AT handheld and is getting it fixed. His XYL is getting therapy three times a week and feels better. Mae, W3CUL and Al, W3UR are set to take down their tower for rotor repair. Al relayed the position of a plane circling a damaged boat off St. Croix. George, K4IJ talked on the net with his old sidekick Bob Morris, W2LV from WEAf days. Andy, W4IYT is still busy with four TV shows a week.

-73, Dan

QFNS Report from Walt, WA4QXT, Net Manager: June was a very good month for summer: QNI 205, QTC 110, and we were in session 609 minutes. WA4QXT was away a lot of the time but the net continued very well with the help from all the other faithful stations.

This is my last QFNS report. Congrats to Laura, WA9VND, as she takes over as Net Manager for the next year. I'm sure the Net Control Stations will give her the same wonderful help that you gave me.

I'll be up north for the next three months, so I hope subs will fill my spot until mid October. You can expect some QTCs from Connecticut now and then. Thanks for all the help you've given me, and now please do even better for WA9VND. We need checkins with traffic on QFNS, so join us any night on 3715 kHz at 8 PM EDT.

-73, Walt

FMSN Report from Net Manager JB, KC4ECA: First I'd like to send a 2-word QTC to Managing Editor, Gerry Wentz, KC4EHT: GREAT JOB. FLORIDA SKIP has a first class appearance and it's easy reading. How about checking in with us one day?

Ed. Note: QSL es tks vy much John.

For 10 cool days in June, I was hiding out in the Georgia mountains. There wasn't time to string up a wire so really missed the net. I'd like to thank Laura, WA9VND, Jim, AA4BN, Fred, AA4FG and OB, WC4D for helping during that period.

There have been some tough QRM evenings on 40 meters. If that packet station is right on 7061 kHz, NCS has the coice of

moving up or down to avoid the noise. That means net members must be flexible as well, and tune around the frequency. If nothing hear, listen to 80 meters also: 3651 kHz. Summertime isn't 599 time.

I ask Mr. CW himself to shake out some of his background for us. I'm referring to Offin Boardman, WC4D, the flat key artist. First licensed in Braintree, Mass. in 1921, he had the noisiest Ford spark coil TX in town, along with his xtal receiver. From 1924 through 1926 OB could be heard on the Norwich University station, 1YD. Working for Cities Service Oil and Martin Marietta from 1927 to 1969 when he retired, OB moved from Denver to Holiday, Florida in 1974. He is a member of OOTC, QCWA and GCARC, with activity on Florida traffic nets since 1987. He is also an active family man with two daughters, 6 grandchildren and 6 greats. I've never heard OB turn down a request for help on a net. Thanks, OB. You're one of the best, keeping us all in line with that flat key.

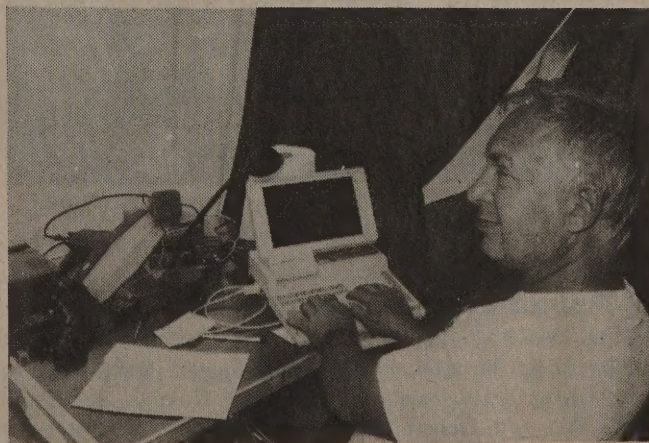
John Patterson, KC4FL has been appointed Net Manager of FMSN as of August 1 by Earl WX4J, North Florida Section Manager. John's QTH is Callahan, NW of Jacksonville. He knows the ropes. The net looks forward to working with you, John, and I'm sure each of us on FMSN will give you whatever help you request.

-73, JB

TOP TWENTY TRAFFICERS, JUNE 1993

-By WA4PFK and WX4J

	STATION	TOTAL		STATION	TOTAL
1	W3CUL	3042	11	N4SS	313
2	W3VR	1250	12	WA4PFK	267
3	WX4H	1064	13	WA4QXT	267
4	K4FQU	676	14	WA4EIC	248
5	WA9VND	637	15	AA4HT	223
6	NR2F	550	16	W4DL	182
7	KB6ECH	532	17	N4GMU	174
8	KM4DY	522	18	KA4FZL!>155	
9	KB4WBY	385	19	KD4ELI	154
10	K4SCL	318	20	K4ZK	153



Jerry Gumbus, N4GKI was kept busy at the VHF and packet station during Field Day at Johnathan Dickenson Park with the Jupiter Repeater Group using the W4KOG call. - Photo by W4KOG.

Pinellas County ARES/RACES

-by N4WDH

For nearly a year now, Pinellas ARES/RACES members have been meeting monthly at Sunstar Ambulance Headquarters in Largo. Sunstar was selected because of its central location in Pinellas County. Unfortunately, even though there are over 1200 licensed amateurs in Pinellas County, only 250 of them are members of ARES/RACES. Of that group, less than 10% of the members attend this monthly meeting.

During the last year, Gary Vickers of Pinellas County Emergency Management has attended a couple of these meetings. He has informed the ARES/RACES members of activities in Pinellas County government that affect the group.

Michelle Baker, the new Emergency Management Director of Pasco County, spoke at a recent meeting. She is the former Dade County EM Director and related her experiences during Hurricane Andrew.

Other meetings have involved activities such as modification of the new 1993 Pinellas County Communications Plan. The plan explains in detail the activities required in the event of a disaster in Pinellas County that would result in activation of ARES/RACES.

Pinellas County ARES/RACES also conducts a net every Tuesday evening at 7:30 PM on VHF/UHF repeaters throughout the county. The net is carried on the Clearwater Amateur Radio Society's repeater system (146.970/444.150 MHz), the Metropolitan Repeater Association's machine (147.360 MHz) the Wormhole system (146.595/442.625/147.565 MHz) and the St. Petersburg Amateur Radio Club repeater (147.060 MHz).

Amateur operators interested in joining this organization or obtaining more information about attending the monthly meeting should contact Charlie Shipman, N4OBT, Pinellas County EC and RACES officer at (813) 734-3347.



Pinellas County ARES/RACES meeting at Sunstar Ambulance headquarters in Largo, May 6, 1993.

Palm Beach Novice & Tech Contest

The first "Worked All Palm Beach County" contest sponsored by the West Palm Beach Amateur Radio Club is now history. This contest was open to all Novices, Techs and Techs Plus with Generals and above providing the Elmering and the extra contacts. The rules were very simple; (of course you were only allowed on the band in which you had privileges) the time, Saturday the 24th of April from 8:00

AM local time to 2:00 PM local time. Frequency: a single 10 meter frequency for CW and a single frequency for SSB. On 2 meters, a single frequency each on CW, SSB and FM. No repeaters. The contestants had to give their municipality and get the valid Palm Beach County municipality of the contacted station to be considered a point-counting QSO. Log sheets were available listing all the valid towns. The contact number had to be given or exchanged. This exercise was in preparation for Field Day. We had hoped that the Novices and Techs in our area would avail themselves of the practice this provided. Using single frequencies for each mode in the different bands was with the intention of providing some experience working a pileup. The advanced licensees were rovers setting up in the different municipalities and making contacts. They then broke down the antennas and moved to another town where they again setup to give the contestants practice in the different modes and band changing techniques. The contestants and rovers made for an interesting morning.

The winner of the Novice class was KD4UUF Charles "Chuck" Patterson. The winner of the Technician Class was KC4YRR Robert "Bob" Hyneman and the winner of the Technician Plus class and overall winner was KD4LXB Robert "Jamie" Timberman. Every Novice and Tech who submitted a log is to receive a certificate of participation. At the regular July 13th meeting, the club will present a certificate to the winners of each license class and the overall winner will be presented a Plaque.

The Post Mortem of the contest has been very interesting. We have heard a lot of "wait 'til next year" and many of the participants have stated that the contest provided them with the first "CQ" or contest-oriented type contact. Many stated that the contest was fun and was a good way to learn contest style procedure. Next year, we hope to incorporate many of the suggestions given us by the contestants.

The committee and I wish to thank Burck Grosse, President, and the officers of the West Palm Beach Amateur Radio Club for sponsoring and lending their resources to the contest.

-73, Mort Penn, WA2STA

NOW NOXIOUS FOR 174 DAYS

As of July 8th, the Browers - David, WA4NST and Sherri, N4XLF have been prohibited from amateur radio transmissions from their home for 174 days. The appeal of the civil trial that found the radio transmissions a "noxious and offensive activity and the appearance of the tower and antenna an annoyance and nuisance to the neighborhood" is still pending.

The Browers did win their appeal of the Indian River County Code Enforcement Board violations and as a result Indian River County is rewriting ordinances pertaining to amateur radio towers and antennas. The Browers have been asked to assist with the rewrite. If you live in a county that has unrestrictive ordinances pertaining to amateur radio towers and antennas, please send a copy of the documents to:

David & Sherri Brower, 736 34th Terrace, Vero Beach, FL 32968-1226

The civil trial is a part of a 32-month long civil suit brought by the Browers' neighbors. This legal proceeding has been costly and the Browers will not give up their fight to protect the future of our great hobby. Those wishing to assist may send contributions to a fund established for them:

Brower Legal Defense Trust

James H. Laseter, N4ZYX, Trustee

2716 Robin St.

Ft. Pierce, FL 34982

3 TS-50S DEALERS GET NAL's FROM FCC

Three Los Angeles area amateur radio equipment dealers have received *Notices of Apparent Liability* (NAL's in the amount of \$7000 each for marketing the Kenwood TS-50S HF Transceiver which could be "...operated on frequencies not authorized for amateur radio use."

The dealers, Henry Radio (Los Angeles, CA), Jun's Electronics (Culver City, CA) and Ham Radio Outlet (Van Nuys, CA) were investigated by engineers from the FCC's Cerritos, California, field office between March 8 and 10, 1993, in response to a complaint lodged against Kenwood on March 5th. The FCC refused to disclose who or which company lodged the complaint. Each of the dealers were ordered to either pay the fine or to "...file a written response showing why the forfeiture should be reduced or not imposed."

The violations cited by the FCC involved equipment that was not properly type accepted (approved) as required prior to marketing to the public. The compact TS-50S is promoted as the world's smallest HF transceiver in a full back page advertisement in the July QST. While the ad did not give the frequency ranges, a sales brochure initially distributed to Kenwood's dealer network and the public showed operating ranges which were significantly above and below the authorized U.S. ham bands. While the Kenwood Company later had the flyers reprinted to show TS-50S operation only on authorized amateur spectrum, the FCC said it confirmed the radios would operated outside the ham bands.

-W5YI Report, July 15, 1993

Ed. Note: The article in the W5YI Report is quite lengthy and very comprehensive. Space limitations prevent printing the entire article. In addition to the basic information above, I present a summary of the rest of the article.

W5YI talked to the FCC about the matter and it appears that the issues involved are complex interpretations of regulations. The FCC indicated that they reacted to both the literature and the fact that the radios did indeed operate out-of-band. It is illegal to advertise radios that operate out-of-band even though the radio does not. The point was made that the dealers were disturbed that they - and not the manufacturers - are being held accountable. They are buying from large reputable companies. The FCC said that the rules do not differentiate about those who sell these devices. They may not be offered for sale by anyone. ...the rule includes the manufacturer, importer, the retailer ... anybody in the distribution chain. The FCC said that Kenwood may have violated import rules and may "receive something."

The fact that the transceiver operated in the so-called free-band was a matter of concern but not the sole cause for action. There was also speculation that the anonymous complainant may have been a competitor of Kenwood, "motivated by anti-competitive, rather than substantive concerns." Kenwood had contacted the FCC three months prior to the issuance of the NAL's to resolve any questions the FCC had about the radios. I guess we will be hearing a lot more about this subject in the near future. Stay tuned.

//ger

The C-ZED 2 Meter Omni Antenna

Co-Linear design has 6 dBi gain! Built with sturdy High-Temper Aluminum. Antenna assembly is simple and easy- only two screws to install.

No tuning necessary. Antenna is pre-tuned for 144-148 MHz operation.

SWR is typically less than 1.5:1 across entire band.

All stress points are reinforced with solid Nylon rod. Antenna has very low wind loading, and is at DC ground for lightning protection.

Antenna mounts on any 1-1/4" mast utilizing two 5/16" U-bolts.

This antenna is perfect for Packet and FM Voice Repeaters, Simplex, and performs extremely well as a scanner antenna.

Only
\$24.95
Each

Plus \$5.00
Each
Shipping &
Handling

Florida Residents
Please Add 6%
Sales Tax.

ORDER BLANK

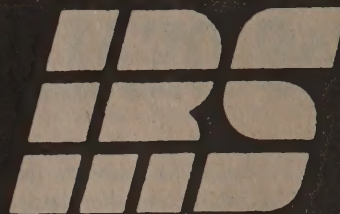
Name _____
Street Address _____
City _____ State _____ ZIP _____
Tel _____ Best Time to Call _____
Quantity Ordered _____ @ \$ _____ Plus \$5.00 each for
Shipping & Handling Plus 6% FL Sales Tax (If Applicable)
= \$ _____ Check ___ or M/O ___ Enclosed. Mail to:

Model 2MC

Freda M. Clair
1756 Lullaby Terrace
Port St. Lucie, FL 34952

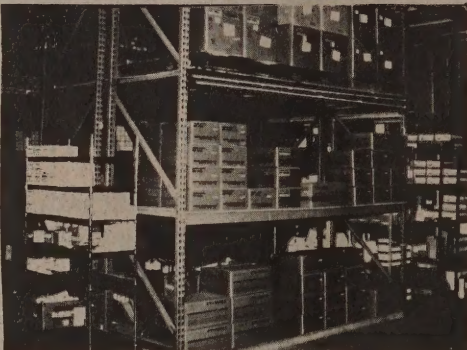


**INTERNATIONAL
RADIO
SYSTEMS, INC.**



**FACTORY DIRECT DISTRIBUTOR
AUTHORIZED SALES & SERVICES**

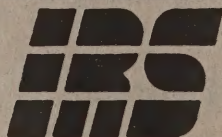
KENWOOD • ICOM • YAESU
• AMATEUR • COMMERCIAL • MARINE • SATELLITE • CELLULAR •



- HUSTLER
- TELEX-HYGAIN
- HENRY RADIO
- MIRAGE/KLM
- RF PRODUCTS
- DIAWA
- ASTRON
- CENTURION
- MAXON
- AMPHENOL
- CES
- SITEX
- MOTOROLA
- SHAKESPEARE
- ARRL
- NYE VIKING
- SONY SECURITY
- VOCOM
- ECHO STAR
- MAXCOM
- CELWAVE
- MULTIPLIER
- SANTEC
- BARKER & WILLIAMSON
- NEUTEC
- SOUTHWESTERN BELL
- RF CONCEPTS
- VAN GORDAN ENG
- COLUMBIA WIRE
- CUSHCRAFT
- AND MORE...

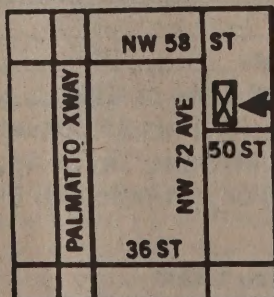


THE TOTAL COMMUNICATION STORE
WHOLESALE • RETAIL • EXPORT



**INTERNATIONAL
RADIO
SYSTEMS, INC.**

**HABLAMOS ESPANOL
SU DISTRIBUIDOR
PARA CENTRO, SUR AMERICA
Y EL CARIBE**



**5001 N.W. 72ND AVE
MIAMI, FLORIDA 33166**

(305) 594-4313

Hours: Mon.-Fri. 9:30-5:30 Sat. 9:30-2:30 **FAX: (305) 477-4449**



Florida State QCWA News

Ell Nannis (K4JMH), Editor

Last month, six chapters reported in. This month none has been received. We are still interested in your unofficial meetings so send me any information on how your chapters are doing this summer. Abbreviated minutes of the Board of Directors meeting, held on April 16-17, was in the summer QCWA Journal. I suggest you read it over carefully as quite a lot of business was taken up at the meeting. Plans for the 1993 QCWA convention are coming along very well. The committee meets every month and they have a great program planned (See page 61 of the summer QCWA Journal). All the events are listed and it looks like a great time will be held by all. The weather that time of year is wonderful. I have been on that boat trip on the intercoastal in it is delightful and the lunch is quite good.

One of the oldest members in QCWA, Les Pulley is in the hospital and coming along quite well. We expect to see him at the convention. I know that many Florida chapters meet every month for unofficial meetings and this is great because it keeps up the interest in QCWA so send me your reports even though it might be a small paragraph. My address is listed on page 2 of the SKIP. Make your reservations for the 1993 QCWA Convention now. A reminder that effective on October 1, 1993, the three year dues will be increased to \$35.00.

Suncoast Chapter. On June 3rd, 13 members of the Suncoast Chapter of the QCWA met at the Trolley station in Venice to present a Meritorious Award to Art Miligan, W8KW. Art has been very active in QCWA having served 10 years as National Director. He is also an active member of OOTC. Art has always had an interest in what was best for amateur radio.

-Reported by Bob Bookwalter, W4NWP



From left to right, John Karban, W3GIC, President of the Suncoast Chapter and Art Miligan, W8KW.

Suwannee Chapter. We had our chapter meeting in June and Chaplain Bob, W4PFQ gave the invocation. Among our guests were Audrey Cox, widow of Ken Cox, W4FYE, one of the founding members; and prospective member John Sjolund, W4KWS and XYL. Following our great meal, we were treated to an enjoyable and instructive slide show of some of the Appleton Museum's paintings and figurines complete with a live running commentary and explanation by the Curator for Education. Ray, W1RFE and Daisy, W4QAV brought up the continuing saga of changing our meeting day back to Saturday from Thursday. After much discussion on this change of meeting day, the Board will take up this problem and report back in August. All members signed a 50th anniversary card for our members W4OMG/W4OMH. We were shown a 1957 photo of his foot standing at the 400 foot level of a 500 foot broadcast radio tower. A report was given on the illness of Jack Ryder, K4IHX and Adis Henry, W4PFY. A report given on the new repeaters available in Ocala. A number of calls have been received from eligible amateurs to join our chapter and QCWA.

-Reported by Bob Saulpaugh, AG3S

Palm Beach Chapter 111 Didn't have too big of a turnout at last month's meeting. Someone said there was a tieup on I-95, but I think it was just the summer blahs. We did have 16 members and guests though, and everyone had a good time. So, it was a worthwhile meeting.

Got word that Tony Zappia, K4FCN and his wife are both living in a care center. Write to them at: c/o Woodsetter, 4700 N.W. 3rd Ave., Pompano Beach, FL 33064. Also heard that Bill Phelan, W2AWA is back home after an operation about a month ago. Bill is recovering but is not fully up and around yet. I'm sure both Tony and Bill would appreciate a not or call.

The meeting room at the No. Palm Beach C.C. is going through some remodeling so there will probably be some slight inconveniences until they're finished. Please bear with us. Next meeting will be on the 27th of July at the NPB CC.

-Bob McDow, W4KOG



Field Day station W4KOG at Johnathon Dickenson Park. The group of crack operators, led by Charlie Davis, (far right), shown at the height of activity. -Photo by W4KOG.



25 Years a Ham?

Got A question?

Write

159 E. 16th Street
Eugene, OR 97401



OLD OLD TIMERS CLUB NEWS

Not much in the way of news to write about these days, the 40M net on Wednesday is suffering from the vagaries of propagation which is typical for this time of year. Probably by the time you are reading this everything will be back to normal. This sort of condition makes is hard on guys like Charlie Baptist, W1PB who is running a big five watts. (Reminds me of Uncle Ezra and his mighty "five watter"). Charlie also had a nice picture in the last issue of the QCWA Journal.

Jim Gundry, W4JM reports that he is feeling better and he has been checking into the local QCWA Chapter 107 net. So we're looking forward to hearing Jim back on the OOTC nets in the near future. I hope he continues to improve, maybe he can take this column back. He seems to be able to come up with much more interesting news that I can.

Just a plug for the Annual QCWA Convention coming up in October on the 28th & 29th. Reports from Jay, K9BSL are that the reservations are being snapped up, so if you want the special rates or plan on going to the other activities you had better get your bid in while there is still room. Also, anyone planning on going should notify Bob Bookwalter, W4NWF. Bob is trying to plan an OOTC get together at the convention if we have enough people interested.

The new dues schedule has been resolved and the new membership forms are available. Why not try to sign up your eligible friends into the OOTC. Ask Bob to send you forms.

-Bob McDow, W4KOG

KNIGHTS OF THE KILOCYCLE

3910 Kc. Sunday Morn. 1230Z - 0730 EST

Well we're sorta holding our own on the Sunday net. A lot of the guys and gals are away doing their thing for the summer, but there is about fifteen or so of us that are still hanging in there and showing up each Sunday morn. Got to hand it to the likes of ones like Earl, W4AYD and Marion, KC4MFT or Ernie, KA4BTQ. They're always in there along with our net control station wot's his name? N4POA up there in Ridge Manor. Dwight, that's it! Anyway, it's good to hear all the guys who hang in there on a regular basis, and I'm sure you know who you are even if I didn't get your name or call in the paper. Hi Hi.

We had an excellent Field Day over here in the North Palm Beach area. I went up on Saturday morning and helped them set up the stations, and the tents and canopy. An unusual thing happened though...NO RAIN! We could hardly believe it! Beautiful weather for both days. We did have a couple of our frog friends from last year come out and give us a couple of songs on Saturday night. We're not going to win any prizes, but everyone had a good time and we did show we could set up and operate under adverse conditions, which is what it's all about. There was a lot of field day action in Palm Beach County. There were three other groups in West Palm Beach alone and there were several others in

other areas. I'm sure some of them did quite well.

Bonnie and I enjoyed the Fourth of July weekend in the motorhome over in the KOA campground in Okeechobee. Got to spend a couple of very enjoyable hours chewin' the fat with Earl, W4AYD. He came out to the campground and he also brought a couple of books of memorabilia which he had put together over the last fifty years or so. We had quite a time going over them. Sure brings back lots of fond memories.

Want to welcome Don Brown, KE4BAJ of Miami, as Knight No. 524 to the Knights of the Kilocycle. Also, would like to wish Wendy, W1UCL all the best of luck in his new home up "Nawth". Word has it that Wendy is operating on 75M and is trying to get an antenna up for 17M so maybe we'll be hearing from him soon. His address is: Wendall Jewett, W1UCL 494 Plains Road, Perkinsville, VT 05151.

-73 & 88 Bob McDow, W4KOG

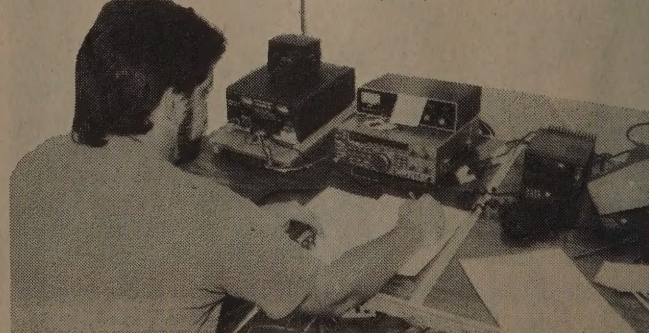
ARE YOU READY?

Last month heralded the opening of hurricane season. Andrew is still fresh in our minds. Everyone is saying that we must do something. Are you? Have you made a written plan for you and your family? Have you even sat down and discussed it with yourself? Talking to yourself ain't so bad so long as you give yourself the correct answer. Have you spoken to your EC or RACES officer as to where you might help out? Better yet have they contacted you? If not why? Are you aware of what your Emergency Management people are doing? do you belong to the local radio club or repeater association? Have you checked your equipment lately? Have you inspected your home? Is your license current? Have you made any decisions lately or are you one of those hams that just go along with tide?

Questions, questions, and more questions. But if you don't start asking questions you never get answers. That is why our EC's must begin asking questions of you to do a better job. They have a tremendous task at hand and need your help. It is not an easy task to say the least. It is also a thankless job. Everyone feels that he can do the job better. Somehow these people never volunteer or, if they do, never complete the job or in some instances, never show up at the next meeting.

PLAN AHEAD When the incident happens, all hell breaks loose. There are too few who can manage an incident without a written plan. This we found out too late during Andrew. Those who had a written plan were easy to identify. They were better organized and carried out their assignments well. I can not stress the importance of every person, business, club, CAT team, EC, county, city, and state having a written emergency plan. Do you have yours?

-W4SS, EC, Southern Florida Section



Mike Misenti, KC4IPE mans Novice station for Jupiter Repeater group Field Day exercise at Johnathon Dickenson Park. - Photo by W4KOG.

FREEDOM OF SPEECH

The IsoLoop 10-30 HF Freedom Antenna frees you from restricted areas.



The portable IsoLoop antenna gives you the freedom to send

and receive from your apartment, condo or anywhere zone restrictions apply. Rated up to 150 watts (10-30 MHz continuous) the IsoLoop lets you operate your favorite HF band while filling in the WARC bands your current antenna may miss.

The IsoLoop eliminates fooling with dipoles, ugly

verticals, or ungainly multi-element yagis. No need for a ground plane or antenna tuner either. Your IsoLoop delivers lower SWR and extended frequency coverage because the loop is isolated from the feedline. Your radiated power goes into the antenna, not into the shack.

With no mechanical joints the IsoLoop is more efficient in offering clearer reception and it installs in seconds. The LC-2 Loop Controller with signal strength LEDs and 50 feet of control

cable completes the package.

Versatile, portable, quality built, the IsoLoop 10-30 HF gives you big antenna performance in a small, compact package. There is no better value. Perfect for vacations, field days, DXpeditioning. Wherever you are, the IsoLoop gives you the freedom to speak.

To connect with the AEA IsoLoop dealer nearest you or for a product sheet, call: 1-800-432-8873



Advanced Electronic Applications, Inc.

PO Box C2160, 2006 196th St. SW, Lynnwood, WA 98036
Sales: (206) 774-5554

Connect with us



JOHN - A SWASHBUCKLING HAM

A man who became a legend in his own time.

-By John Weatherley (AB4ET)

Conclusion

CHE GUEVARA

Last time I speculated on the operation of 4W1AA in Yemen and the fact that it coincided with John Cooper and some of his crack soldiers disappearing for a while and then coming back as if nothing had happened.

This month I recount the story of a similar occurrence. Some time not too long after the Yemen incident John and his group once again disappeared from their military duties in Oman. According to popular belief they showed up in Queensland Australia in a secluded bush location. They claimed to be prospectors looking for diamonds but were thought to be carrying out some kind of military training. Some time later they showed up again half way around the world in La Paz, Bolivia.

Also in Bolivia at this time was Che Guevara the widely supported South American marxist hero who was going to liberate the masses from imperialist slavery. A few days later he was dead. Slain by a team of professionals in a daring and well planned night time raid.

A few days later John Cooper and his fellow diamond prospectors re-surfaced in Oman and were back at their jobs training and supervising the defense forces of the Sultan.

It was popular belief that a US government covert operation had tried earlier to eliminate Che Guevara without success. Did they then approach European allies such as Britain to try? Could it be that the British declined because of the international repercussions if something went wrong. The 1960's were sensitive times! Is it possible that they just happened to know where there were competent, trustworthy and highly trained people who could be contracted for such a task. Better still with little chance of reflecting on the U.S. or Britain if something went wrong. Perhaps we will never know!

John Cooper remained in Oman through the seventies but somehow fell out with the Sultan and was declared 'persona non grata' and given a short time to leave the country, never to return. He would be in his eighties now and although I have scanned the British listings in the callbook for some years, have not seen his name. He met his wife Muriel in Oman where she was working as a nurse. Muriel is something of a character in her own right. As a young woman in England during the second world war she was trained as a covert radio operator and related to me that she was a bit slow at learning morse code. The German counter-espionage services were getting very proficient at radio direction finding and there was a high attrition rate among radio operators working with the French resistance. She was dropped by parachute over occupied France with minimal parachute training. She only lasted a few weeks before they learned of her whereabouts but the resistance were able to get her away and back to England. In Oman she used to help with the refreshments for our radio club

meetings and also ran a gardening club for the western wives. They would get together for coffee mornings with their pot plants as if in suburban England or America, making the best of the arid desert conditions and 120 degree plus weather.

The Omani soldier who was John's batman treated him with total respect and a great deal of affection and John and Muriel had great concern for him and his family whom they cared for and helped in many ways.

These stories may never be authenticated but I am sure they will be told among expatriates in Oman for many years.

USF ANNOUNCES HAMFEST

Just when we thought hamfests had gone out of existence for the summer, USF decided to hold one. Although it falls on the same day as Jacksonville, many hams will not make the long trek to the top of the state. USF in Tampa will hold an INDOOR Hamfest on July 31 from 9 AM until 2 PM at the Special Event Center on the University of South Florida campus in Tampa. Admission will be \$3.50 and tables \$6.50.

For more information call Kevin, KD4GMD at (813) 933-9473.

HIGH SPEED CW CONTEST ON THE HORIZON

The West Palm Beach Amateur Radio Club will sponsor their first of a planned annual High Speed CW Contest. The contest will begin at 1 PM on October 23, 1993, as a part of the Palm Beach Repeater Association Hamfest held in the Palm Beach County Fairgrounds, October 23 and 24, 1993. The contest is free to all paid Hamfest attendees -- licensed or unlicensed.

FLORIDA SKIP will provide a more detailed description of the contest in upcoming issues. If you can't wait, you can contact Ted Herrman, AE8G, 301 North M Street, Lake Worth, FL 33460. Tel (407) 586-7940 Fax (407) 585-3466.



Fort Lauderdale Beach Field Day radio operating table located next to Ireland's Inn Hotel. From l to r, Gary N4KVE, Gene WF3I, Gary N4ZPX, John WJ3L, Bruce WA4IPU, Kevin KD4MLH and Gordon WA4AUO. Photo by Roy Erickson, WA4BLH.



SHRINE NEWS

To all you FOOTBALL fans, don't forget the FLORIDA SHRINE BOWL, Jacksonville Gator Bowl, July 31 8pm with the pre-game show at 7:30pm. Wear your FEZ! Mark your calendars NOW for the WHOPPIN BIG Ocala Shrine Club Rodeo, Friday, Saturday and Sunday, September 3-4-5. Tickets available from Ocala Shrine Club @ \$7.00 write or call Tom McCarrell-(904)351-3575.

I'm waiting to hear from Bahia and Azan who have promised me news of their HAM UNITS. Yes I know it's summer and we are dark, but remember to keep me in your thoughts as we progress toward the fall and new activities. I'll always be happy to list your activities in plenty of time so that all HAM NOBLES can have an opportunity to participate! FSARA meets every Sunday afternoon at 1330 local on 7236Khz. Come join the group!

North Florida BBS Statistics

BBS/SysOp	NTS	PERS	BULL	TOTAL
AA4RU	N/R			
K4GBB	33	758	683	1474
K4OZS	9	331	782	1122
KA4GDV	9	295	901	1205
KB4T	41	467	584	1092
KM4DY	195	-	-	105
N4DWY	70	1388	843	2301
N4GMU	67	532	557	1156
N4JTS	14	217	391	622
WX4J	14	153	21	188

Total NTS traffic for NFL: 362

SOUTH FLORIDA BBS Statistics

BBS/SysOp	NTS	PERS	BULL	TOTAL
KE2IX	283	1318	2594	4195
KI4ZJ	238	602	2421	3261
W4DPH	209	5103	4335	9647
W8DUV	111	3013	3595	6729
KB4VOL	107	2123	2972	5202
N4ZIQ	65	1395	1170	2630
WD8IBY	65	588	2838	3491
WD4NKZ	58	955	3565	4578
W4MWP	43	684	2723	3450
WB2WPA	35	1070	2352	3457
K4TKU	33	763	187	983
WA2LKI	33	554	2592	3179
KP4EDL	12	798	2647	3457
KB4GBS	11	1185	3643	4839
KB4WUA	7	138	2732	2877

NTS TOTAL 1310

SYOPS not reporting are requested to send your reports to:

NORTH FLORIDA: N4GMU @ N4GMU.#NFL.FL.USA.NA
SOUTH FLORIDA: W8DUV @ W8DUV.#TPA.FL.USA.NA

NOTE: Thanks to all the NTSOPS who report their monthly packet activity. I know there are several others in SFL who handle huge amounts of NTS, Personal and Bulletin items. Just as in other modes, it is up to the individual whether he/she wants to report it and see it in print. The Station Activity section of QST reflects some, but not all, the traffic handlers' work.

On packet, handling NTS messages is not as simple as it may seem. More often than not the operator must readdress the message so it will relay to the next area. He explains the system to new operators. He checks files and directories for the "right" zipcode or address. Having handled NTS traffic for nearly 40 years on cw, ssb, rtty - and now packet - I can truthfully say that packet takes the most work.

We packet sysops get thanks sometimes, even for forwarding an SP or personal message. These don't count as NTS, but the recipient is just as happy to read his personal traffic on the screen as the NTS addressee is when I call him to deliver a greeting.

The reason for this note: Low NTS figures. Packet makes it so much easier for ham-to-ham traffic to flow. NTS is more complicated. NTS likes short messages; SP's can run as long as the writer (or the BBS SysOp) wants. Those folks trying to make rules for HF packet operation will look at our "low" traffic count and say we don't deserve space on the bands. If a few more of them actually ran a full service BBS and got some hands-on experience in the matter, they might have a kinder attitude towards us.

These are my thoughts in the middle of 1993 as I struggle to keep abreast of the swiftly changing packet scene by changing over to the F6FBB system. Wish me luck - I have a long way to go. Today, only one port (40 meters) is working. Sysops are helping.. I'll make it yet.

73, Kay/W8DUV NTS Packet Manager, S.FL

The Panhandle at a Glance

-By "Matt" Mathew, KC4RKJ

It's that season again. Hurricanes and tropical storms are something that we must all think about.

Til (W4ZGS) is Crestview sent me an article for the use of a TV set to detect tornadoes. This tip was included in a recent copy of the Alabama Dept. of Public Health Epidemiology Report.

How to use a TV set as a tornado warning device requires you to turn on the set and tune in channel 13. Darken the screen to almost black using the brightness control. Then turn to channel 2 and turn the volume down. Your tornado detection device is now operational.

Lightning will produce momentary white bands of varying widths across the screen. A color unit will produce color bands. A tornado within 15-20 miles will produce a totally white screen on a B/W set and will be a solid color on colored units.

Should you see this happen, turn off the TV, take a portable radio, and seek shelter.

To use a portable radio, tune it to the 550 kHz band. Lightning will produce intermittent static. As a HAM, I'm sure you are all familiar with this condition. However a tornado will produce a steady, continuous static which gives

Continued on page 15

ELI'S AMATEUR RADIO

2513 S.W. 9th AVENUE
FORT LAUDERDALE, FLORIDA 33315

OPEN
**7 DAYS
A WEEK**

**O
ICOM**

**"THE LATEST IN NAME BRAND
HAM EQUIPMENT"**

**AL
N4AXQ**

**ELI
AA4BK**

**LARGEST SELECTION OF BOOKS &
PERIODICALS IN SOUTH FLORIDA!!!**

**WEEKLY
SPECIALS**

**DISCOUNT
PRICES!**

**USED
EQUIPMENT**

CLOSE-OUTS

**LEN
AB4LV**

BUY • SELL • TRADE

**JOSE
WT4G**

NATION-WIDE 1-800-780-0103

**(305)
525-0103
BROWARD**

**(305)
944-3383
DADE FAX**

**AMERICAN EXPRESS, MASTERCARD & VISA
"SE HABLA ESPAÑOL"**

you warning.

This detection system was developed by Newton Weller of West Des Moines, Iowa after 12 years of study. Lightning and tornados generate signals near the 55 MHz (Channel 2) frequency which will override the brightness control on the TV. Channel 13 is at the high end of the frequency band and is not affected. This is the reason why the screen must be darkened on that particular channel. So now you know. If it doesn't work, a phone call to Dr. J. P. Mudd Jr. of the Alabama Department of Public Health might be in order.

I am also a great believer in check lists in Hurricane-prone areas. People under pressure, such as would be experienced with an on-coming hurricane, do odd things. Check lists keep people organized and sensible.

I am in an area that would be evacuated early so I have check lists in my computer which can be printed out in just a few minutes. Check lists can be printed out, room by room, as assignments for each family member, or even what each vehicle will carry. In other words, it tells what goes where.

I also have a separate check list to help me prepare the house itself for the storm. Where the materials for covering windows can be found, who is to turn off the water, electricity or gas etc. Start a precautionary check list now while it is only a precautionary chore.

The first issue of the Crestview Amateur Radio Society (C.A.R.S.) newsletter has an interesting article in it. The article is too long to reproduce here but I'll cover the essentials.

The intent of the article is to convince you that you should have a copy of your Amateur Station license and/or MARS license with you at all times. An item of law in the State of Florida, State Substantive Laws (Crimes), Section 843.16 should be of interest to all Amateur Radio operators in the state of Florida.

The part in which we are interested states that it is unlawful to install radio equipment capable of using assigned frequency of state or law enforcement officers; definitions, exceptions; penalties...

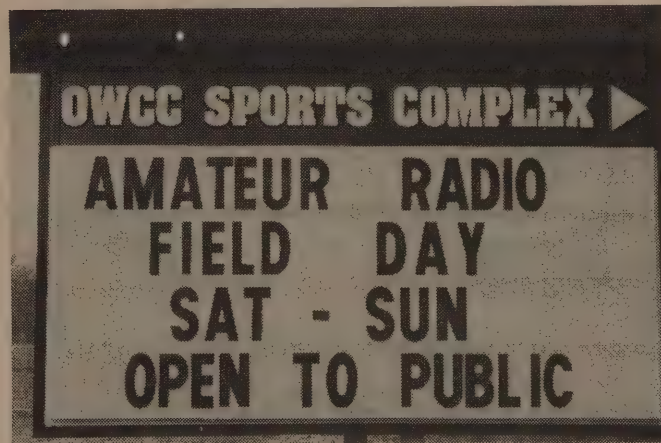
It starts out with paragraph (1) which states "No person, firm or corporation shall install in any motor vehicle or business establishment, except emergency vehicles as herein defined, or place established by municipal, county, state or federal authority for governmental purposes, any frequency modulation radio receiving equipment so adjusted or tuned as to receive messages or signals on frequencies assigned by Federal Communications System..." to the agencies listed above.

As for the exceptions in paragraph (3) we see, "THIS SECTION SHALL NOT APPLY TO ANY HOLDERS OF A VALID AMATEUR RADIO OPERATOR OR STATION LICENSE ISSUED BY THE FEDERAL COMMUNICATIONS COMMISSION....".

It is wise to carry your FCC license and/or MARS license with you at all times. Those of you who are not in MARS, check any radio that you bought second hand to see if it has been modified for Military frequencies outside of the Amateur bands.

I visited two field day operations and a sign located at the entrance of the Okaloosa Walton Community College started me wondering. As you can see it simply stated that the Field Day Exercise was being held on the soccer field but it included a short but important message, "Public Welcome."

It occurred to me that I had never seen an invitation to the public to visit a field day operation before..



When I came home in the evening and listened to the 20 meter band, I heard hundreds of stations all over the country on the air. Some were working in the field with generators or batteries and many more were sitting in their shacks answering CQ's. Even hams really do not realize the number of people involved. This ARRL exercise is designed to test our capability to operate Amateur Radio stations on emergency power and through lots of QRM.

When you put all this together, you start to wonder why the general public isn't somehow involved or at least aware of what is happening. After all, isn't one of the purposes of the event to provide services for the general public in times of emergency.

Radio stations, TV stations and newspapers don't cover the story involving thousands of people in all 50 states. No funds are provided by any governmental agency. Maybe each and everyone of us should write or call the local newspapers encouraging them to present the facts to the public about a very important "secret" service provided by their neighbors and friends.

The general public needs to realize that people think enough of them to quietly spend their time and money to provide for their safety and welfare.



The Lakeside Generator. CARS/AAR4CRR Field Day



(407) 567-3423

ALUMA TOWER COMPANY, INC.

1639 OLD DIXIE HIGHWAY
P.O. BOX 2806
VERO BEACH, FLORIDA 32961-2806
FAX #407-567-3432

"KNOWN FOR SERVICE"



EVELYN D. GAUZENS

W4WYR

Broker/Associate

FUTRELL COMPANY, INC. REALTORS

Office: (305) 233-4444

Dig. Beeper: 880-0835

Eves.: 642-4139



VENECOM, INC.

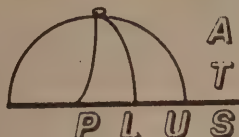
PRE-OWNED COMMUNICATION EQUIPMENT
WE REPAIR ALL KIND OF HF - VHF - UHF - CB

4803 S.W. 71 Avenue
Miami, Florida 33155

Tel. (305) 669-9031
Fax (305) 669-9032

H JACK & JAN BERGSTRESSER

1322 Gillott St. N.W.
Palm Bay, Florida 32907



407-727-0317
1-800-935-PLUS

IMPRINTED SPORTSWEAR & AD SPECIALTIES
"WE PRINT ON ALMOST ANYTHING"
Clubs, Business Individual Shirts

**KENWOOD - ICOM
TWO-WAY RADIOS**

HAROLD HEASTER

Ormond Beach, FL
304-673-4066 or 1-800-84-RADIO
Call for Everyday Very Low Prices

KC4FAD
B. GEE

Q R V

KD4FVI
IB. ROSUMNY

ELECTRONICS REPAIR
ROUTE 1, BOX 1387-A
P.O. BOX 447
LEXINGTON, GEORGIA 30648
706-743-3344

SPECIALIZING IN BUT NOT LIMITED TO AZDEN REPAIR
BUY OR TRADE USED AZDEN
WE SELL POWER SUPPLIES AND ANTENNAS

FRED HUFFT

W4PLM



STARTEK
INTERNATIONAL, INC.

398 N.E. 38TH STREET, FORT LAUDERDALE, FL 33334
PHONE (305) 561-2211 FAX (305) 561-9133

SERVICE

SERVICE

SERVICE



We have been servicing amateur radios reliably and economically on a national basis for 14 years. We also sell hi-quality state-of-the-art 8 and 10 pole crystal filters and specific upgrade kits for Icom, Kenwood and Yaesu products.

**INTERNATIONAL RADIO AND
COMPUTER, INC.**

3804 South U.S. 1, Fort Pierce, FL 34982
1 (407) 489-5609 FAX No. 1 - (407) 464-6386

FOR ALL YOUR **REAL ESTATE** NEEDS
COMMERCIAL • RESIDENTIAL • INDUSTRIAL

MARK ROSNER • N4BDZ

BROKER - ASSOCIATE

1-800-348-3859
(305) 921-6610
(305) 923-3333



1905 Hollywood Blvd.
Hollywood, FL 33020



Florida Custom Plastics

CUSTOM ENGRAVING

KA4HWY

HARRY and JUNE KEITH

- ENGRAVED CALL AND NAME BADGES
- IDENTIFICATION PLATES
- DESK SETS AND PLASTIC SIGNS

LICENSE PLATES

PLEXIGLASS SIGNS

9900 Ulmerton Road No. 56
Largo, Florida 34641

PHONE (813) 584-6121

Compliments Of
**THE PALMETTO
AMATEUR RADIO
CLUB**

OPEN REPEATER
.85/.25

**COMPUTER SHOWS
& HAMFESTS**

IF YOU HAVE A DESIRE TO ATTEND AND WISH TO
BE ON OUR MAILING LIST, PLEASE FAX YOUR NAME
AND ADDRESS TO: (305) 748-3509

EXPRESS YOUR AREA OF INTEREST: CD-ROM SOFTWARE,
CD-ROM DRIVES, AMATEUR RADIO, X-RATED SHAREWARE
COMPUTER SHOWS, HAMFESTS.

7890 N.W. 55th Street
Miami, FL 33186
(305) 592-0046

SPEEDWAY

Banners
License Plates,
Car & Truck Lettering

Instant SIGNS

Sherri Zuckerman, KC4WZS
Dan, WQ3G
Louis, KD4HRD

Cavender
CORPORATION
Realtors Since 1957

ED ROLLER, K4IA

Herb PHELAN, N4XZL

FLOKA CAVENDER, W4/TI2AZ
BEV CAVENDER, W4ZD & TI2BEV
Write for free real estate catalog
1349 U.S. 27 North, Lake Placid FL 33852
WATS 1-800-741-4490 FAX (813) 465-9669

VULCAN ELECTRONICS

6721 N. ARMENIA AV TAMPA, FL 33604
AMATEUR RADIO BUY
CB-BUSINESS BAND SELL
ANTIQUE RADIOS TRADE
VCR/VIDEO REPAIRS
RADIO TUBES - ELECTRONIC PARTS
Roy Lewis, W4WLY (813) 933-3828

Kal-Tech Electronics

Tropical Electronics

Electronic Parts - IC's - Transistors
Surface Mount Devices - Components



"Maury"



200 S.W. 20th Street - Bay 2
Ft. Lauderdale, FL 33315

Phone (305) 522-5811
FAX (305) 522-5271

TEST EQUIPMENT, COMPONENTS & COMPUTER EQUIPMENT



ASTRO TOO

Surplus/Electronics Equipment

(407) 253-3371

2854 Sarno Road - Melbourne FL 32935

BATTERIES

NICKEL CADMIUM
GELL CELLS
*LITHIUM*LEAD ACID*
ALKALINE
CUSTOM PACKS

CAMCORDER RADIO*
EMERGENCY LIGHTING
CORDLESS/CELLULAR
SANYO HOBBY*
COMPUTERS UPS

TNR YOUR BATTERY STORE

279 DOUGLAS AVENUE, #1112

ALTAMONTE SPRINGS, FL., 32714

(407) 682-4311 (Office) (407) 682-4469 (Fax)
1-800-346-0601

If you haven't seen

WIREMAN- W.W. SALES

You'd Better Call
1-800-433-WIRE
Or You'll Miss

“IT”

See Us at Jacksonville and
All Major East Coast Shows

WW SALES

57 Echo Lake Drive
Fairview, NC 28730
(704) 628-1352



FLORIDA HAMS READ FLORIDA SKIP

PLATINUM COAST AMATEUR RADIO SOCIETY

PRESENTS THE



28th ANNUAL MELBOURNE HAMFEST Saturday & Sunday September 11th & 12th, 1992

Melbourne Auditorium, Hibiscus Blvd., Melbourne, FL

Talk-in: 146.25/85 Repeater

Swap Tables:

\$10/day - \$15 both days.

Limit two (2) adjacent tables per request.

Make check payable to PCARS for table fee plus registration ticket(s) fee. Include SASE.

150 Swap tables available.

Tailgate space: First 10' free. *Each additional 10', One (1) ticket.*

Registration:

\$4.00 Advance/\$5.00 at door per person, both days.

Please include SASE for advanced tickets otherwise tickets will be held at door.

Hotel Accommodations:

Melbourne Hilton

200 Rialto Place

Melbourne, FL 32901-3092

Ph: (407) 768-0200 Fax (407) 984-2528

\$50.00/room - Mention Hamfest

Commercial Booths:

35' Commercial spaces. Please write for more information. Include your phone number.

Transportation Provided:

Transportation will be available between meetings at the hotel and the Hamfest location.

NOTICE: In support of FCC regulations prohibiting the sale of uncertified equipment and illegally modified electronic equipment, PCARS will not tolerate or permit this activity during the hamfest.



Programs:

- -- Phase 3D Amateur Radio Satellite overview by Dick Janssen, WD4FAB.
- -- Overview of Current OSCAR Satellite operations by Ried Bristor, WA4UPD
- -- VP8SSI DXpedition overview by (participant) Al Hernandez, WA3YVN
- -- DX Cluster Overview and Users meeting by Eric Smitt, K9ES and Skip Rockwell, K3ARV
- -- Florida Phone Traffic Net Luncheon on Saturday
- -- Florida Traffic Handlers Breakfast on Sunday
- -- Military Affiliated Radio System Meeting.
- -- Lightning Protection Seminar presented by Burt Bittner, K0WGN

And others as time permits!

Martin County ARES/RACES

-By Ronald Tagg, KD4PQQ

With the newly found interest in Emergency Communications that hurricane Andrew brought, the Martin County Florida ARES/RACES chapter has seen a rapid and major increase in activity. The group, headed by Emergency Coordinator (EC) Bruce Reid, WB9SHT, and four assistant EC's (AEC) has grown in membership and activity by two fold just this year.

During hurricane Andrew, August, 1992, Martin County ARES/RACES was activated for 26 hours and provided primary phone and radio communications for the Red Cross shelters. Both repeater and simplex operations were used and the dedicated members "hung in there" all night long without relief in most cases.

In January 93, a membership drive was initiated and is continuing. In February, the ARES/RACES group was well represented at the Martin County Hamfest. Special events at the Johathan Dickinsen "Earth Day" and Treasure Coast Square Mall "Public Demo" were conducted in April and May. In June, members were instrumental in supporting the Martin County Field Day. For next year's Field Day, the Martin County communication Winebago van will be utilized. The county has given a preliminary go-ahead for ARES to install some radios for permanent use in the van.

In January and June ARES/RACES supported American Lung Bike Treks which were much appreciated by American Lung. They also provided good drills for emergency field operations for the ARES group.

On the subject of back-up communications, the Sheriff's Office, Stuart City Police, and Martin County hospitals (north and south) requested ARES/RACES support and have offered to buy HF and 2 meter equipment. Putting together these stations and performing equipment upgrades at the county Emergency Operations Center (EOC) will keep the group busy during this summer and fall.

The existing ARES communications operations at the EOC consist of three 2 Meter rigs, an HF station, a Packet station, and access to the county real-time weather printouts and phone lines to county agencies and the Red Cross.

Martin county ARES/RACES is currently developing plans on how to properly integrate rapid deployed "jump teams" to support Martin County and neighboring counties in the event of another major hurricane like Andrew. This "arrangement" will have to be a mutual aid "two way street" and will probably take 6 months or more to get fully organized.

ARES Nets are conducted on the 147.06 repeater on Thursday nights. These nets are usually attended by 10 to 15 members and other Hams and cover topics of current ARES subjects as well as general ragchew talk.

With monthly meetings for members and the AEC's, special events, and active nets, Martin County ARES/RACES is serving Martin County and is primed and getting ready for full service to all 17 agencies and Red Cross shelters, hopefully by the end of the year.

Anyone interested in more information can write to Bruce Reid, WB9SHT, 5472 Paley Rd. Port St. Lucie, FL 34953 or Ron Tagg, KD4PQQ, 8629 Tropical Ave., Stuart, FL 34997.

SILENT KEYS

We regret to report the passing of the following Florida Amateur Radio Operators. Please notify **FLORIDA SKIP** of any silent keys in your area.

N4EQU - Bob LeBlanc, Jacksonville
WA4RLV - Henry R. Briese, 69, Seminole
W4IMI - Ken Cole, Homestead
W4WTW - Esmond K. Voltz, Palm Harbor

Supreme Court Rules on TVRO Controversy

The US Supreme Court has ruled that federal regulation of the cable television industry does extend to serve apartment dwellers whose buildings have more than one owner, even if no public right-of-way is used. On June 1, the justices voted unanimously to reverse a federal appeals court ruling that had exempted such systems.

The Federal Cable Communications Policy Act of 1984 requires most operators proving cable service to obtain a franchise. It does exempt operators who serve only subscribers in one or more buildings under common ownership if no public right-of-way is used for service buildings.

A question arose whether the exemption also applied to satellite television master antenna systems. After the FCC said that the 1984 law applied to all MATV systems serving buildings not commonly owned, some cable system owners sued. But in siding with the Commission, the Supreme Court says that the FCC has the right to make and interpret its own rules. It struck down the appeals court finding and let the FCC decision stand.

HAM RADIO HEAVEN

AEA ● MFJ ● AMERITRON ● PRO-AM

DAIWA ● JBLACK ● DIAMOND

Full line of AZDEN Products

ICOM - KENWOOD - YAESU

ARRL Publications

Omar
WA8FON

Antenna & Connectors

Marc
N4YHM



Omar Electronics Inc.

2130 Georgia Hwy. 81 Southwest
Loganville, GA 30249

(404) 466-3241 FAX: (404) 466-9013

We Accept: ● VISA ● MC ● AMEX ● Discover

FLORIDA ARMY MARS NEWS

-by Lorraine S. Matthew N4ZCF/AAM3PR

Coming off a weekend punctuated by the 24-hour marathon known as Field Day, Florida Army MARS looks at July and the emergence of true American freedom and independence as designed by our founding fathers over 200 years ago. An examination of these two ideas shows a relationship that is often overlooked. Without the freedoms we enjoy in this country, there would not be the hundreds, indeed thousands, of Amateur Radio operators all participating in an event designed to serve the millions of American citizens in times of need.

Florida Army MARS was well represented at the Crestview Amateur Radio Society (AAR4CCR) Field Day operation held at a lakeside park in the Grandview section of Crestview. The sounds of CW dominated the scene (Yes, Deacon, CW!) with two of the four stations employing this mode of operation. The other two stations were voice HF and voice VHF. Several homebrew antennas served the event quite well. Tents and tarps served to shade the equipment and the operators or to keep them dry - depending up on which ten minute period of time it was. Those "scattered thunderstorms" made appearances on and off during the entire period. The turnout of operators was more than adequate to serve the entire period and was a real credit to the group. This club is unique in the high percentage of Army MARS operators who are members and the fact that it, too, has an Army MARS call. Most of its operations are on VHF as the Crestview Army MARS VHF cluster. Its nets meet on the Army MARS VHF frequency every Wednesday and Sunday evening at 0130Z. The training programs run by the group are excellent in terms of both Army MARS and introducing new Amateurs to HAM radio. Several of the members are expanding into HF operations as well. Most of them are still employed; thus I hope to see these members on the HF Tango net in the evening.

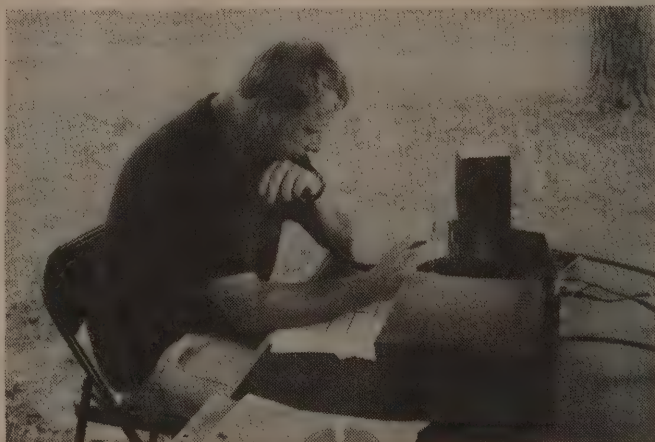
The other Field Day operation with Army MARS representation was held at the Okaloosa-Walton Community College Soccer field. It was a tri-club effort running a 2A affair. 2A sounds small when it is noted that three clubs were involved. True to the real Amateur spirit, however, there were several potential stations also present. These potential stations included an AMSAT station complete with tracking antennas, computer control, and other electronic gear necessary to this operation. With all of its complexities, this station was powered by field batteries. The packet station met its demise when the TNC decided it had had enough. Whether it was just too tired or it was responding to the atmospheric conditions (lightning?) was not determined at the time. Needless to say it was a source of frustration. The Field Day operation was well organized and it was recognized early that the more experimental modes would be just that -experimental. It was a good experience for all who visited or who participated in the event. W4ZBB was heard throughout the area and throughout the country. This reporter connected with it from the 1D NFL station at the house a 2:25AM! Yes. There was someone on the transmitter at that hour. My husband thinks I'm nuts for being on the air at that hour. Believe it or not, there were pile-ups even at that hour.

One element of the Okaloosa site sign was the invitation to the public to attend. This is a very important and valid

option that should be stressed. Field Day exists solely for the benefit of the public. It is practice for "the real thing". From a public relations point of view, it is vital that the public know much more about Amateur Radio and the MARS programs both than they do. On one hand, we have thousands of operators donating their time, equipment, and skills. On the other hand we have so few people who know about these efforts and services. Balance is needed in this scenario. This emphasis is made in Army MARS' Operation Holidays campaign. We need this emphasis on educating the public throughout the entire year. Let everyone know that Amateur Radio and the MARS programs and operators are national assets, deserving of recognition and preservation.

We have all read or heard about laws in various states restricting the use of any equipment that is capable of being tuned to other than Amateur frequencies, in general, and to emergency frequencies in particular. Be advised that Florida does have such a law. The legal reference is "State of Florida, State Substantive Laws (Crimes), Section 843.16". (Please see "The Panhandle at a Glance" elsewhere in this publication for the selected text of the section that involves those of us with such equipment.) It is most advisable that all of us carry copies of our FCC Amateur licenses with us at all times. To prevent an overzealous interpretation of the law, I would also advise carrying MARS identification as well. Florida has ID cards available, which, while not issued by the Department of Defense, are signed by the State MARS Director or his designee. These laws are passed for good and valid reasons and with good intentions. With very little effort on the part of all of us, there should be no conflict of interest in obeying them. For travel in other states, I would check with people or authorities in those states.

In this July of 1993, let us all celebrate our independence with joyful hearts. Let freedom ring in the great United States for centuries to come.



Steve, APA2WG works HF phone at Okaloosa/Walton Field Day.

HAMBARs

RATE CARD INFORMATION

HAMBAR service, of electronic equipment only, is available to all subscribers, amateurs and non-amateurs at the rate of 10 cents per word, which includes address, call sign, etc. Minimum charge for any **HAMBAR** is \$3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of \$5.00 for each **HAMBAR**. No reruns. Each **HAMBAR** must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all **HAMBAR** ads contain the full mailing address, call sign, zip and area-phone number, if any. Make it easy for person wanting to buy your equipment. *No HAMBARs via telephone!*

COMMERCIAL DISPLAY

Full-page \$125.00. Half (1/2) page \$80.00. One-quarter (1/4) page \$55.00. One-eighth (1/8) page \$40.00. Camera ready. Lay-out, make-up and typeset fee is extra according to size of ad and typeset required for same.

Deadline for all HAMBARs and ads, eighth (8th) of each month to 1280 Sarno Rd., Suite 224, Melbourne, FL 32935. Normal mailing date 25th of each month. Thank you for your cooperation.

- Editor

SELL - EZ-WAY Tower 70 feet 3 sections retract tilt winch Ham/IV rotator and Mosley Pro-57 Beam Package Deal \$1000.00 Firm. Mike Murciano, AA4GQ, 2834 De Soto Blvd., Coral Gables, FL 33134 (305) 442-4868 evenings 7/8.

SELL - Icom 02AT with BP7 & BP8 batteries \$150.00. Connect Systems simplex autopatch \$250.00. Heath SB-221 2KW linear, 10-160 \$500.00. Kevin Poslusny KJ4PR, 11014 SW 154 Terrace, Miami FL 33157 (305) 235-6727.

FOR SALE - ICOM 575H 28/50Mhz Transceiver 100W; CR-64 TCXO, FL-100 CW Filter, FL-102 AM Filter, UT-36 Voice Synthesizer, UT-34 Tone Squelch - \$850.00. MFJ-989C Antenna Tuner - \$225.00. MFJ-247 HF SWR Analyzer - \$120.00. DX Engineering 5 pos Remote Coax Switch, brand new - \$120.00. RF Concepts RFC 2-23 2M AMP (2/30W), Brand New - \$100.00. Ameritron RCS-8V Remote Coax Switch (only used indoors) - \$85.00. J-Com Magic Notch Filter - \$65.00. AEA PCB-88 Plug-in Packet Adapter for IBM, brand new in box - \$120.00. CW Sendin' machine - \$60.00. Daiwa NS-660 SWR and Power Meter - \$75.00. Daiwa U66H 3KW External Sensor (1.8-150 MHz) - \$40.00. Tempo MPP-1 Mobile Data Recorder - \$125.00. MFJ-486 Grandmaster II Memory Keyer, brand new - \$110.00. MFJ-20 Remote Memory Address for Grandmaster - \$12.00. ICOM EX-627 HF Automatic Antenna Selector - \$150.00. LTR RBC-1 Remote Band Controller for ICOM - \$45.00. Palomar PT-340 Tuner-Tuner - \$55.00. DX Solutions CT-232 Computer-Transceiver Interface - \$45.00. Mike Raskin, K4KUZ - FAX (24 Hrs): (305) 583-2331. Voice 9PM-Midnight: (305) 583-4026. 561 West Tropical Way, Plantation, FL 33317.

Country song title: My Wife Ran Off With my Best Friend, and I Sure Miss Him.

FOR SALE - Icom IC u2AT 2 Mtr, rubber duck ant. Covers 2M plus 155 MHz range. No Book, new battery - \$95.00. UPS, Icom Stand up BC-50U charger, like new \$39.00. Icom Base IC-3PA power supply and IC-230 10 chnl (xtal) 2 mtr with Icom Dynamic mobile mic. \$125.00.

Bearcat scanner 210XL, digital 20 chnl readout, 115 vac - \$59.00.

Beam traps and aluminum elements, come and see. Like new (guaranteed) Yeasu 107M, manual, matching VFO FV-107 in original shipping cartons \$599.00. Bearcat BC-140 140-156 MHz 10 chnl scanner with ant. and power supply. Can be used mobile; car, truck, boat, etc. \$38.00.

All above plus UPS. Andy Clark, W4IYT, 41 Lenape Dr. Miami Springs, FL 33166. (305) 888-3874.

ANTENNA SALE - 80 Meters: create 2 element 75 Meter Beam (Very Large) \$600.00. Colatcho 2-80 80 Meter Vertical Phased Array, Phasing Box, Phasing Lines, 1 Vertical \$175.00. 6 Meters: Telrex 6M624X 6 Meter Beam - 6 Elements on 24 foot boom - heavy duty; Pair with 20 foot phasing lines - \$275.00 (one beam only, \$150.00). Telrex 6M1136 6 Meter Beam - 11 elements on 36 foot boom - \$250.00. Mike Raskin, K4KUZ - FAX (24 Hrs): (305) 583-2331. Voice 9PM-Midnight: (305) 583-4026. 561 West Tropical Way, Plantation, FL 33317.

The toughest part of a diet isn't watching what you eat - it's watching what everyone else eats.

NEEDED for Antique Console TV. Flyback Transformer #003619690001 Philco Model #R6852TPE01; Chassis #25C525. Edwin B Crenshaw, 5211 Curry Ford Road, Orlando, FL 32812. Call collect (407) 277-1211.

FREE - To SKIP Members only. For your SASE, we will send updated application for AMATEUR RADIO License plate. You can also write Div. of Motor Vehicles, Neil Kirman Bldg., Tallahassee FL 32399 and ask for copy of HSMV 83041 (Rev. 1/91)S. Send SASE to: FLORIDA SKIP. PO Box 501, Miami Springs, FL 33266.

WANTED - Collins KWM2A in good working condition and matching transformer for R5 antenna. Elmer L. Shafer, N8ES, 3479 Kersdale Rd., Pepper Pike, Ohio 44124. PH: (216) 831-9198.

Most government programs have three things in common - a beginning, a muddle and no end.

WANTED - Any condition Wilson Antenna System 33 to repair mine. **SELL** New MC60 & MC85 in original boxes (mint). Just checked in my radios. Call Henry Hayen WD4PTO. 6330 NW 37 Terr., Miami, FL 33166. PH: (305) 871-7232.

SELL - Icom IC-745 Transceiver. 160-10M with general coverage receiver. Dual VFO, 100W, RIT/XIT. PBT, etc. \$600.00. Glenn Andrews W4OMY. 1200 Marine Way #B203, North Palm Beach, FL 33408. PH: (407) 622-7085.

CHARLOTTE	Englewood Amateur Radio Society (EARS) United Methodist Church on Dearborn St KD4IDR @ WD4NKZ	3rd Fri 7:30 p.m.
CITRUS	Sky High Amateur Radio Club Mid State Federal Bank on Hwy 491 in Beverly Hills K4GBB @ K46BB	3rd Mon 7:30 p.m.
CLAY	Orange Park Amateur Radio Club Moosehaven Auditorium Breakfast meeting at Gunicy's on Hwy 17 KD4HXT @ KB4OWD	3rd Thurs 7:30 p.m. 1st Sat 8:30 a.m.
COLLIER	Amateur Radio Assoc. of SW Florida Technical meeting Emmanuel Lutheran Church Dinner meeting at DiJulio's Restaurant in E. Naples Reservations: KC4NQB @ WB2WPA Collier County ARES/RACES E.O.C., 3301 E. Tamiami in Naples WB2WPA @ WB2WPA	4th Tues 7:30 p.m. 4th Wed 6:30 p.m. 2nd Tues 7:00 p.m.
DADE	America Radio Club Hialeah Hospital, E. 26th St and LeJeune Rd KP4EDL @ KP4EDL Dade Radio Club Museum of Science 3280 S. Miami Ave. Info: Evelyn W4WYR 642-4139	1st Fri 8:00 p.m. 1st Tues 7:30 p.m. (exc. Apr & Dec)
DESOTO	Desoto Amateur Radio Club Way Bldg in Arcadia Info: Harry, KD4FLU 494-5774	2nd Wed 7:00 p.m.
DIXIE (See LEVY)		
DUVAL	First Coast Amateur Digital Ass'n (FICADA) Ed White High School in west Jax K4UBR @ KB4OWD RANGE Repeater Club Red Cross Bldg, Riverside Ave in Jacksonville Info: KD4HXT @ KB4OWD North Florida Amateur Radio Society (NOFARS) Ed White High School in west Jax Talk-in: 146.76- Beaches Amateur Radio Society (BARS) Frat. Order of Police Lodge Forrest Ave in Neptune Beach Talk-in: 145.350	2nd Tues 7:00 p.m. 1st Tues 7:30 p.m. 2nd Thurs 7:30 p.m. 4th Thurs 7:30 p.m.
ESCAMBIA	Serious Hams Amateur Radio Club (SHARC) W. Florida Hospital in Pensacola KK4CQ @ KK4CQ	3rd Thurs 7:00 p.m.
GILCHRIST (See LEVY)		
GULF	Gulf Amateur Radio Society (GARS) Gulf Courthouse in Port St. Joe Info: WB4QBW @ KD4EQ	2nd Thurs 7:00 p.m.
HILLSBOROUGH	Brandon Amateur Radio Society (BARS) Apostles Lutheran Church, Morgan & Kings in Brandon KR4H @ WB8IBY South Hillsborough Amateur Radio "Klub" (SHARKS) TECO Leisure Room on Hwy 41 in Ruskin USF Radio & Electronics Club 229-H Kopp Engineering Bldg. Talk-in: 144.240-	3rd Thurs 7:30 p.m. Last Wed 8:00 p.m. Every Mon 4:00 p.m.

SEND ADDITIONS OR CORRECTIONS TO:

* BILL BRITTON, KB4VOL 8703 S.E. JARDIN ST.
HOBE SOUND, FL 33455 *

RAPID - Continued from page 1

radio and personal equipment will be operable without commercial power. They must be able to roll in 2 hours or less from the time the JUMP call is received.

Furthermore, each RAPID member will have all the necessary information so that each is capable of doing the job of COORDINATOR, BASE LAISON, or TEAM CAPTAIN, giving us maximum operating flexibility.

Orange County RAPID is now about one month old. We are still preparing ourselves. The plan is to be a close to 100% ready as possible by the end of August.

We will be doing some practice JUMPS to a local area probably using Public Service events as our "destination". All phases of our operation will be fine tuned to iron out the bugs.

RAPID of Orange County is getting ready for that call from some community needful of our services.

M.E. - Continued from page 2

the infirmed) appears to be a topic that amateur-radio operators will need to deal with in an emergency, I would not hesitate to print it. When we receive our amateur license we not only are allowed our fun and games but we have a responsibility to provide services for our communities when needed in an emergency.

If that article about Hurricanes and preparedness was irrelevant then I suggest that the individual tell that to any of the hams that were wiped out by Hurricane Andrew, the hams who worked countless hours providing all manner of assistance after the hurricane, the hams who are in positions of devising emergency preparedness schemes and all the hams who faced the questioners and tried to answer the one basic question, "Why?"

//ger



Fort Lauderdale Beach Field Day. Bob Fivey, N4ORN adjusts the amateur fastscan TV station that was set up at their beach site.

Photo by Roy Erickson, WA4BLH.

FLORIDA HAMFEST UPDATE

DATE	LOCATION	NOTES
Jul 31/Aug 1	Jacksonville	Prime Osborne Convention Center Cor. So. Lee and W. Bay Streets Talk-in on 146.76
Sept 11/12	Melbourne	Melbourne Auditorium 625 Hibiscus Blvd. Talk-in on 146.85
Sept 26	New Port Richey	New Port Richie Recreation Center (Sunday only) Talk-in on 145.350 or 147.150
Oct 9	Titusville	FREE! At Sand Point Pavillion Rt. 406 E. of US #1 Exit 80 off I-95 Talk-in on 146.910
Oct 16	Starke	Bradford County Fairgrounds US 301 and SR 100 Talk-in on 145.150
Oct 23/24	West Palm Beach	Expo Center at South Fla Fairgrounds SR 80 just east of US 441 Talk-in on 147.165
Oct 29/30	St. Petersburg	QCWA National Convention at St. Pete-Clearwater Airport Holiday Inn Talk-in on 145.290
Nov 6	Eustis	Lake County Fairgrounds Talk-in on 147.255 & 442.900
Nov 20/21	Tampa	Expo Hall, Fla State Fairgrounds Talk-in on 146.940
Dec 4	Okeechobee	Agriculture Center Bldg on U.S. 441, 1.5 miles north of S.R. 70 Talk-in on 147.195

SEND ADDITIONS OR CORRECTIONS TO:
*** BILL BRITTON, KB4VOL 8703 S.E. JARDIN ST.**
HOBE SOUND, FL 33455 *



CQ DE FIELD DAY. Bob, K8KI/AAR4CCR operates CW station at C.A.R.S. Field Day.

OARC - Continued from page 1

rcables were run to the station located in the community room of the mall. Right on schedule - 2PM - the OARC entered the field day fray.

No matter what they tallied in points, the OARC and amateur radio scored a win with the public. The public was afforded a close look at the workings of ham radio and the benefits it provides to the community. Perhaps their mental image will be something other than that of a tower that messes up their TV. Buzz said, "The event was a complete success with lots of good public relations."

The HAMM-RAMMs (The Retirees Associations-Martin Marietta Electronics, Information & Missiles Group) were responsible for setting up and tearing down the informational booth, the VHF/UHF operation and supplying the personnel to meet the public and answer any questions they had. According to the "Old Buzzard", W4UJL, their effort was a great success with the public and a satisfying experience for all the hams.

At 6PM on Sunday, the SSCN group tore down the booth, packed up their toys and went home a little tired but vitalized by their experience.

Buzz said that he would like to thank all the HAMM/RAMM members who assisted and participated in Field Day '93.

Ed. Note: FLORIDA SKIP salutes Buzz and everyone who had a hand in their field day! The valuable public relations and information that they shared with the community far outweighs they small notation they would get in the QST field day listing.



XYLs provided the chicken and 807s needed to keep the operators going. Johnathon Dickenson Park Field Day. - Photo by W4KOG

FLORIDA SKIP SUBMITTALS

Don't forget our new address for advertising copy, articles, subscriptions, HAMBARS, classified ads, correspondence and press releases.

You can also submit articles by modem up to 2400 baud on our toll-free 800 line. Also use the 800 number for story leads, news items and other news-related topics. *If sending by modem, please make voice contact first.*

FLORIDA SKIP

1280 Sarno Road

Suite 224

Melbourne, FL 32935

Tele: 242-5993 (local) - 1-800-421-3279